

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	3	("1941589"   "4594157").FN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/04/15 08:12
L10	6	("5066165"   "5181793"   "5388377" "5564860"   "5853265"   "RE33439").FN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2009/04/15 08:13
L11	10	("1941589"   "4594157"   "5066165" "5181793"   "5388377"   "5564860" "5853265"   "RE33439").FN. OR ("6945733").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/15 08:14
L16	13	("3972558"   "3974753").FN. OR ("4186525").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/15 08:18
L18	6	("3210776").URPN.	USPAT	ADJ	ON	2009/04/15 08:21
L23	51	("3760031"   "3851794"   "4198369" "4290536"   "4363420"   "4374687" "4391384"   "4463870"   "4494671" "4588104"   "4588105"   "4761319" "4824726"   "5224624"   "5267667" "5483028"   "5505324"   "5558346" "5577740"   "5702133"   "5731069" "5851626"   "5959264"   "6024190" "6319436"   "6319969").FN. OR ("6708979").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/15 08:26
L25	19	("1345487"   "2497827"   "3018535" "3023924"   "3294274"   "3944107" "3990604").FN. OR ("RE30326").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/15 08:31

L26	836	49/49.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 10:12
L27	250	49/176.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 10:20
L28	84185	"49".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 10:24
L29	2235	28 and lid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 10:24
L30	50	29 and oval	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 10:25
L31	172	29 and annular	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 10:28
L32	1268	oval with lid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 10:35
L33	3	32 and ("52".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 10:35
L34	17	32 and ("292".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 10:36
L35	1	32 and ("404".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/15 10:37
S1	1071	52/20.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 09:39

S2	14	("4410099"   "4508714"   "4593714" "4659251"   "4842443"   "5076456" "5123776"   "5366317"   "5660279" "6088972"   "6195944"   "6484451" "6655093").PN. OR ("6986227").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/09 10:32
S3	12	("4523407"   "5046886"   "5240346" "5275501"   "5366317"   "6007270").PN. OR ("6887012").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/09 10:35
S4	537	52/19.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 11:44
S5	234	52/21.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 12:17
S6	828	404/25.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 12:28
S7	57	("2176306"   "20040126187"   "20040195241"   "20050230295"   "20070023031"   "20070081856"   "20070122237"   "20070272873"   "20080000882"   "3773428"   "3858998" "4461597"   "4902165"   "4964755" "5056955"   "5071177"   "5324135" "5389331"   "5466091"   "5468096" "5562079"   "5870894"   "6550294" "6764261"   "6945733"   "7144189").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 12:33

S8	10	("20020084274"   "20030168452"   "20050077296"   "6443508"   "7395929").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 12:39
S9	14	("4469467"   "4475845"   "5299884" "5496128"   "6152455"   "6743088" "6866301").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 12:42
S10	15	("2615741"   "2783913"   "4557625" "4772154"   "5944442"   "6688807").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 12:44
S11	343	404/26.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 13:20
S12	20	("1908909"   "3773428"   "4440407" "4582450"   "4828274"   "4834574").PN. OR ("4969771").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/09 14:22
S13	277	137/371.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 14:52
S14	288	292/91.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 14:59
S15	185	292/214.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 15:25
S16	678	49/465.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 15:32

S17	37	("1382322"   "2475131"   "3261051" "3363281"   "3881758"   "3905625" "3974753"   "4067605"   "4120524" "4134281"   "4161336"   "4183576" "4186525"   "4193628"   "4205875" "4216983"   "4244611"   "4257632" "4364600"   "4422689").FN. OR ("4534587").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/09 16:18
S18	13	("3972558"   "3974753").FN. OR ("4186525").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/09 16:33
S19	10	("1542900"   "1693190"   "2009132").FN. OR ("4142329").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/09 16:35
S20	10	("1693190").URPN.	USPAT	ADJ	ON	2009/04/09 16:44
S21	5	("2697389").URPN.	USPAT	ADJ	ON	2009/04/09 16:54
S22	761	292/80.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 16:56
S23	885	49/463.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 17:23
S24	292	49/464.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 08:24
S25	13	("3972558"   "3974753").FN. OR ("4186525").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/10 08:36
S26	562	49/383.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 08:42
S27	99	52/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 08:59

S28	581	52/192.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 09:03
S29	646	52/198.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 09:17
S30	2084	292/336.3.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 09:49
S31	371	292/66.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 13:01
S32	406	292/7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 14:17
S33	34	("0255017"   "0695409"   "0891174"   "0991548"   "1136498"   "1204221"   "1964114"   "2447042"   "2447464"   "2772809"   "2793892"   "3051280"   "3861083"   "4020778"   "4073239"   "4273064"   "4750569").FN. OR ("4928615").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/10 14:20
S34	18	("0722162"   "1060484"   "2057866"   "2768015"   "3708191").FN. OR ("4911489").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/10 14:23
S35	421	49/35.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 14:44
S36	0	("559164").URPN.	USPAT	ADJ	ON	2009/04/10 14:54

S37	63	("0885866"   "2136854"   "2141659" "2207569"   "2317700"   "2321724" "2415587"   "2722445"   "2772809" "3389932"   "3751949"   "4309884" "4693503"   "4928615"   "5201557" "5234238"   "5267762"   "5351639" "5409272"   "5460419"   "5609373" "6109669"   "6152501"   "D180260" "D210153"   "D316365"   "D324636").PN. OR ("6460902").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/10 15:02
S38	517	292/165.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 15:08
S39	263	114/203.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 15:25
S40	761	292/80.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/10 15:43
S41	25	("0086601"   "0269806"   "1035666" "1076933"   "3083046"   "4462142").PN. OR ("4971372").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/10 15:47
S42	1	("1548644").URPN.	USPAT	ADJ	ON	2009/04/10 15:54
S43	13	("0275785"   "1239704"   "4015373" "4203686").PN. OR ("4456397").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 07:41
S44	10	("2396735"   "20020057945"   "4126404"   "4504009" "4661245"   "4909660"   "5320445" "R226366").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 07:54
S45	2	("3240378").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 07:55

S46	1	("4909660").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 07:56
S47	14	("3881832"   "4126404"   "4504009" "4661245"   "4761319"   "Re26366").PN. OR ("4909660").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 07:58
S48	49	("2196785"   "2526622"   "2889967" "2927709"   "3233775"   "3979004" "4223814"   "4241864").PN. OR ("4504009").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 08:09
S49	14	("3881832"   "4126404"   "4504009" "4661245"   "4761319"   "Re26366").PN. OR ("4909660").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 08:12
S50	6	("4364689"   "4909660"   "5181793" "5340232"   "5864990"   "6722813").PN. OR ("7293937").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 08:13
S51	19	("1016081"   "1165804"   "1375222" "1877996"   "1962881"   "1988360" "3977124"   "4175781").PN. OR ("4364689").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 08:14
S52	6	("1016081").URPN.	USPAT	ADJ	ON	2009/04/13 08:17
S53	31	("2497827"   "2741396"   "4363420" "4495234"   "4504009").PN. OR ("4761319").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 08:20
S54	12	("2497827").URPN.	USPAT	ADJ	ON	2009/04/13 08:24
S55	19	("1345487"   "2497827"   "3018535" "3023924"   "3294274"   "3944107" "3990604").PN. OR ("RE30326").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 08:25



S56	224	220/787.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 08:28
S57	19	("3018535"   "3944107").FN. OR ("4091962").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 08:44
S58	2684	220/324.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 08:51
S59	2640	220/324.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 08:51
S60	13	("2360554"   "2499614"   "4378896").FN. OR ("4576308").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 09:10
S61	26	("1482931"   "1502673"   "2024493" "2551499"   "2760674"   "2935108" "3360644"   "3420399"   "3785418" "3811597"   "3868041").FN. OR ("4119239").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 09:15
S62	13	("3420399").URPN.	USPAT	ADJ	ON	2009/04/13 09:17
S63	947	220/284.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 09:25
S64	0	("2718979").URPN.	USPAT	ADJ	ON	2009/04/13 09:46
S65	0	("2718979").URPN.	USPAT	ADJ	ON	2009/04/13 09:46
S66	486	220/784.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 09:52

S67	578	404/2.cds.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 09:59
S68	7	("1941589"   "4594157").PN.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 10:02
S69	11	("5066165"   "5181793"   "5388377" "5564860"   "5853265"   "RE33439").PN.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 10:03
S70	4	("3856199").PN.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 10:18
S71	6	("20040040959"   "4600278"   "5435455").PN.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 10:19
S72	15	("1351496"   "3991446"   "5730352" "5829591"   "5979691").PN.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 10:20
S73	25	("3840152"   "4212415"   "4574974" "4585138"   "4607759"   "4735337" "4782977"   "5235795"   "5238134" "5348549"   "5410967"   "5520301" "5551589"   "5829610").PN. OR ("5979691").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 10:21
S74	3	("3409159"   "3623622").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 10:23

S75	34	("3209963"   "3240405"   "3348668").FN. OR ("3623622").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 10:24
S76	0	215/9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 10:29
S77	181	215/213.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 10:31
S78	416	215/216.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 10:48
S79	37	220/292.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 11:39
S80	13	("2360554"   "2499614"   "4378896").FN. OR ("4576308").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 11:47
S81	509	222/543.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 11:54
S82	0	"49.clas"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 11:59
S83	0	S75.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 11:59

S84	84184	"49".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 11:59
S85	176	S84 and manhole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 12:00
S86	87691	"292".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 12:26
S87	128	S86 and manhole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 12:26
S88	28398	"404".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 12:35
S89	843	S88 and manhole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/13 12:35
S90	7	("1923481"   "3744670"   "4114236"   "5366317"   "6446307"   "7033489").PN. OR ("7160051").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 12:41

S91	21	("1852928"   "2559564"   "3294000" "4050839"   "4373381"   "4523407" "5046886"   "5052851"   "5217052" "5240346"   "5275501"   "5366317" "5482400"   "6109824").FN. OR ("6682257").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 12:46
S92	10	("4570399"   "5071177").FN. OR ("5340232").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 12:57
S93	737	52/169.6.ccls.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/14 12:34
S94	662	52/664.ccls.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/14 15:38
S95	10	("1941589"   "4594157"   "5066165" "5181793"   "5388377"   "5564860" "5853265"   "RE33439").FN. OR ("6945733").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 16:09
S96	51	("3760031"   "3851794"   "4198369" "4290536"   "4363420"   "4374687" "4391384"   "4463870"   "4494671" "4588104"   "4588105"   "4761319" "4824726"   "5224624"   "5267667" "5483028"   "5505324"   "5558346" "5577740"   "5702133"   "5731069" "5851626"   "5959264"   "6024190" "6319436"   "6319969").FN. OR ("6708979").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 16:20

S97	19	("1345487"   "2497827"   "3018535" "3023924"   "3294274"   "3944107" "3990604").FN. OR ("RE30326").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 16:26
S98	34	("3209963"   "3240405"   "3348668").FN. OR ("3623622").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 17:26
S99	13	("2360554"   "2499614"   "4378896").FN. OR ("4576308").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 17:36
S100	19	("1345487"   "2497827"   "3018535" "3023924"   "3294274"   "3944107" "3990604").FN. OR ("RE30326").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 17:38
S101	63	("0885866"   "2136854"   "2141659" "2207569"   "2317700"   "2321724" "2415587"   "2722445"   "2772809" "3389932"   "3751949"   "4309884" "4693503"   "4928615"   "5201557" "5234238"   "5267762"   "5351639" "5409272"   "5460419"   "5609373" "6109669"   "6152501"   "D180260" "D210153"   "D316365"   "D324636").FN. OR ("6460902").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 17:48
S102	7	("1923481"   "3744670"   "4114236" "5366317"   "6446307"   "7033489").FN. OR ("7160051").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 17:55
S103	13	("0275785"   "1239704"   "4015373" "4203686").FN. OR ("4456397").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 17:56

4/15/2009 12:16:15 PM

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